L	Hits	Search Text	DB	Time stamp
Number				-
1	190	(graph\$3) same (hyperbolic)	USPAT	2002/01/31 19:55
2	1	(graph\$3) same (hyperbolic) same (entit\$3)	USPAT	2002/01/31 19:56
3	241	(graph\$3) same (relationship) same (entit\$3)	USPAT	2002/01/31 19:56
4	6	(graph\$3) same (relationship) same (entit\$3) same (visual\$7)	USPAT	2002/01/31

	ŭ	1	D	ocument	ID	Issue Date	Pages
1			US	6298174	В1	20011002	10
2			US	6041331	A	20000321	54
3			US	5930154	A	19990727	47
4			US	5752253	A	19980512	13
5			US	5564048	A	19961008	24
6			US	4318096	A	19820302	8

	Title	Current OR	Current XRef
1	Three-dimensional display of document set	382/305	358/403 ; 707/1
2	Automatic extraction and graphic visualization system and method	707/103R	
3	Computer-based system and methods for information storage, modeling and simulation of complex systems organized in discrete compartments in	703/11	345/764
4	Process and device for the automatic generation of spreadsheets	707/503	707/2 ; 707/3
5	Object-oriented functionality class library for use in graphics	707/103R	
6	programming Graphics pen for soft displays	345/179	178/19.04

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Lantrip, David B. , et al.	Ø						
2		Weiner, Michael L. , et al.	×						
3		Thalhammer-Reyero, Cristina	×						
4		Geymond, Jean Paul , et al.	☒						
5		Eick, Stephen G. , et al.	☒						
6		Thornburg, David D. , et al.	Ø						

Ĺ	Hits	Search Text	DB	Time stamp
Number			f	
1	5836	(entit\$3 relationship) with map\$4	USPAT	2002/01/31
2	28	(entit\$3 relationship) with map\$4 near5	HCDNM	20:11
_	20	visual\$7	USPAT	2002/01/31 20:11
3	0	(entit\$3 relationship) with map\$4 near5 visual\$7 same strand\$1	USPAT	2002/01/31
١.				20:11
4	1779374	(entit\$3 relationship) with map\$4 near5	USPAT	2002/01/31
1		visual\$7 same strand\$1 or line\$1		20:12
5	2	(entit\$3 relationship) with (map\$4) near5	USPAT	2002/01/31
		(visual\$7) same (strand\$1 or line\$1)		20:13

	U	1	Document ID	Issue Date	Pages
1			US 5745113 A	19980428	17
2	\boxtimes		US 5522863 A	19960604	8

	Title	Current OR	Current XRef
1	Representing work practices	345/835	345/440 ; 345/964
2	Pulsating behavior monitoring and modification system for neural networks	607/45	128/925 ; 607/116 ; 607/70 ; 607/72

	Retrieval Classif	Inventor	S	С	P	2	3	4	5
1		Jordan, Brigitte , et al.	×						
2		Spano, Mark L. , et al.							

	υ	1	I	Document	ID	Issue Date	Pages
1			US	6323198	B1	20011127	11
2			US	6304212	В1	20011016	28
3			US	6295514	B1	20010925	32
4			US	6202026	В1	20010313	22
5			US	6151031	А	20001121	15
6			US	6128403	A	20001003	17
7			US	6124862	A	20000926	15
8			US	6101496	Α	20000808	21
9			US	6049793	A	20000411	30

	Title	Current OR	Current XRef
1	Preparation and use of a specific GABA-A.alpha.5 receptor ligand for treatment of alzheimer's disease	514/220	514/221
2	Position data display/control apparatus and methods	342/357.13	701/208
3	Method, system, and computer program product for representing similarity/dissimilarity between chemical compounds	703/12	702/179 ; 702/180 ; 702/181 ; 702/27 ; 702/28 ; 702/30 ; 702/31 ; 702/32 ; 703/2
4	Map display device and a recording medium	701/211	340/995 ; 701/212
5	Map builder system and method for enabling generic interfacing of an application with a display map generation process in a management system		345/440
6	Wafer map analysis aid system, wafer map analyzing method and wafer	382/145	382/141 ; 382/147 ; 700/95 ; 716/4
7	processing method Method and apparatus for generating virtual views of sporting events	345/419	345/582 ; 345/629 ; 345/633
8	Ordered information geocoding method and apparatus	707/6	701/207 ; 701/208 ; 705/10 ; 705/62 ; 707/104.1 ; 707/3 ; 707/4 ; 707/5 ; 707/7
	System for building an artificial neural network	706/17	706/20

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Dawson, Gerard Raphael	×						
2		Aoki, Nobuhiro , et al.	×						
3		Agrafiotis, Dimitris K., et al.	⊠						
4		Nimura, Mitsuhiro , et al.	Ø						
5		Atkins, Brian J. , et al.	⊠						
6		Ozaki, Hiroji	Ø						
7		Boyken, Jeffery D. , et al.	⊠						
8		Esposito, David J.	⊠						
9		Tomita, Kenichi	☒						

	บ	1	r	ocument	ID	Issue Date	Pages
10			US	6006161	A	19991221	23
11			US	5944787	A	19990831	12
12			US	5926296	A	19990720	36
13			US	5892491	A	19990406	9
14			US	5835758	A	19981110	21
15			US	5745113	A	19980428	17
16			US	5737538	A	19980407	41
17			US	5594857	A	19970114	8
18			US	5591586	A	19970107	9
19			US	5522863	A	19960604	8
20			US	5485840	A	19960123	9
21			US	5479600	A	19951226	16
22			US	5347624	A	19940913	15
23			US	5339391	A	19940816	15
24			US	4558933	Α	19851217	5

	Title	Current OR	Current XRef
10	Land vehicle navigation system with multi-screen mode selectivity	701/212	340/988 ; 340/990 ; 340/995 ; 345/418 ; 345/581 ; 701/208 ; 701/211
11	Method for automatically finding postal addresses from e-mail addresses	709/206	709/200
12	Vector normalizing apparatus	359/107	382/157 ; 706/40
13	Image forming device and touch-less display switch	345/32	,
14	Method and system for respresenting and processing physical and	707/102	
15	Conceptual entities Representing work practices	345/835	345/440 ; 345/964
16	System for remote microcomputer access and modification of information	345/744	709/218
17	in host computer Conceptual map showing the windows of a complex task	345/783	345/804
18	Hybridization mapping of nucleic acids	435/6	
19	Pulsating behavior monitoring and modification system for neural networks	607/45	128/925 ; 607/116 ; 607/70 ; 607/72
20	Method of precise guidance for directional atherectomy using ultrasound	600/439	
21	Attribute-enhanced scroll bar system and method	345/787	345/777 ; 345/835 ; 345/973
22	Method and apparatus for display control	345/641	
23	Computer display unit with attribute enhanced scroll bar	345/607	345/684 ; 345/786 ; 345/854
24	Method and apparatus for uniform background in visual field testing	351/226	351/224
	devices		

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
10		Katou, Kiyohide	\boxtimes						
11		Zoken, Jack M.	×						
12		Terashima, Mikihiko , et al.	Ø						
13		Fukatsu, Hirokazu	⊠						
14		Nochur, Kumar S.,, et al.	×						
15		Jordan, Brigitte , et al.	Ø						
16		Wilhite, Stephen E.	×						
17		King, C. David , et al.	Ø						
18		Lewis, Hunner C.	×						
19		Spano, Mark L. , et al.	☒						
20		Bauman, Robert P.	☒						
21		Wroblewski, David A. , et al.	⊠						
22		Takanashi, Katsuya , et al.	☒						
23		Wroblewski, David A. , et al.	⊠						
24		Murr, William C.	⊠						

	ט	1	Document	ID	Issue Date	Pages
25			US 4484192	A	19841120	27
26			US 4407299	A	19831004	43
27			US 4146311	A	19790327	15
28			US 3855571	A	19741217	7

	Title	Current OR	Current XRef
25	Moving map display	340/995	345/764 ; 701/207 ; 701/212 ; 701/300
26	Brain electrical activity mapping	600/544	600/545
27	Automatic visual field mapping apparatus	351/226	351/210 ; 351/237 ; 351/243 ; 600/558 ; 600/595
28	AIRCRAFT GROUND TRAFFIC CONTROL SYSTEM	340/990	340/286.13 ; 340/943

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
25		Seitz, William R., et al.	⊠						
26	1	Culver, Norman D.	×						
27		Murr, William C.	×						
28		Massa, Frank	☒						

	U	1	Document ID	Issue Date	Pages
1			US 5917500 A	19990629	23
2	⊠		US 5636350 A	19970603	14
3			US 5485564 A	19960116	21

	Title	Current OR	Current XRef
1	Intellectual structure for visualization of n-dimensional space	345/440	
	utilizing a parallel coordinate system		
2	Using symbols whose appearance varies to show characteristics of a	345/440	345/764 ; 345/968 ; 707/1
	result of a query		
	Method and apparatus for forming a graphical display of data and for	345/440	345/619
	omitting a range of data within the graph		

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Johnson, Robert R. , et al.	×						
2		Eick, Stephen G. , et al.							
3		Miura, Ayako							

	บ	1	Г	Ocument	ID	Issue Date	Pages
1			US	6286005	В1	20010904	70
2	⊠		US	6038561	А	20000314	53
3	×		US	5485564	A	19960116	21
4			US	4953106	A	19900828	15

	Title	Current OR	Current XRef
1	Method and apparatus for analyzing data and advertising optimization	707/100	455/2.01 ; 705/7 ; 725/9
2	Management and analysis of document information text	707/6	707/10 ; 707/2 ; 707/3 ; 707/522
3	Method and apparatus for forming a graphical display of data and for omitting a range of data within the graph	345/440	345/619
Ι Λ Ι	Technique for drawing	345/440	345/441 ; 700/83

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Cannon, Mark E.	Ø						
2		Snyder, David L. , et al.							
3		Miura, Ayako							
4		Gansner, Emden R. , et al.	☒						

L Number	Hits	Search Text	DB	Time stamp
1	7	<pre>(entit\$3) near (relationship) with (visual\$7)</pre>	USPAT	2002/01/31 14:12

	U	1	Ι	Ocument	ID	Issue Date	Pages
1			US	6338071	В1	20020108	12
2	×		US	6229911	В1	20010508	18
3	☒		US	6188783	В1	20010213	21
4	⊠		US	6185561	В1	20010206	48
5	⊠		US	5835758	A	19981110	21
6	×		US	5752253	A	19980512	13
7	☒		US	5495567	A	19960227	41

	Title	Current OR	Current XRef
1	Method and system for providing a contract management system using an action-item table		707/10 ; 707/102 ; 707/6
2	Method and apparatus for	382/128	356/39 ; 377/10 ; 435/6
3	Method and system for providing a probe array chip design database	382/129	382/178 ; 435/6
4	Method and apparatus for providing and expression data mining database	707/6	435/6
5	Method and system for respresenting and processing physical and conceptual entities	707/102	
6	conceptual entities Process and device for the automatic generation of spreadsheets	707/503	707/2 ; 707/3
7	Automatic interface layout generator for database systems	345/762	345/967 ; 345/968 ; 707/102

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Balaban, David J. , et al.	\boxtimes						
2		Balaban, David J. , et al.							
3		Balaban, David J. , et al.							
4		Balaban, David J. , et al.							
5		Nochur, Kumar S. , et al.							
6		Geymond, Jean Paul , et al.							
7		Iizawa, Atsushi , et al.							

L Number	Hits	Search Text	DB	Time stamp
1	869649	(entit\$3 relationship)	USPAT	2002/01/31
2	1126	(entit\$3 near5 relationship)	USPAT	2002/01/31
3	11025	(entit\$3 relationship) same (visual\$7)	USPAT	15:49 2002/01/31
5	0	(entit\$3 relationship) same (visual\$7)	USPAT	15:50 2002/01/31
4	22	<pre>same (lines adj connect\$3) same (arc) (entit\$3 relationship) same (visual\$7) same (lines adj connect\$3)</pre>	USPAT	15:51 2002/01/31 15:51

	Ū	1	I	Document	ID	Issue Date	Pages
1			US	6326962	B1	20011204	32
2			US	6278464	B1	20010821	26
3			US	6236680	В1	20010522	10
4	⊠		US	6215469	В1	20010410	44
5	Ø		US	6154220	A	20001128	27
6	Ø		US	6151061	A	20001121	17
7	☒		US	6111597	A	20000829	47
8	×		US	6038258	A	20000314	11
9	☒		US	5966126	A	19991012	34
10	×		US	5949055	A	19990907	25
11			US	5893105	A	19990406	17
12	⊠		US	5889577	Α	19990330	24
13	⊠		US	5875432	Α	19990223	17
14	⊠		US	5820091	Α	19981013	9

	Title	Current OR	Current XRef
1	Graphic user interface for database system	345/835	
2	Method, system, and computer program product for visualizing a decision-tree classifier	345/440	
3	Encoding and decoding system of motion image containing arbitrary object	375/240.01	
4	Image display method	345/691	345/60 ; 345/63
5	Rectilinear layout	345/440	345/802 ; 345/853
6	Biocular image display apparatus	348/51	345/8 ; 359/466
7	Stereo image forming apparatus	348/43	345/8 ; 348/53
8	Encoding and decoding system of motion image containing arbitrary object	375/240.12	348/699 ; 375/240.18 ; 382/236 ; 382/241
9	Graphic user interface for database system	345/762	345/835 ; 345/968
10	Automatic geometric image transformations using embedded signals	235/469	235/454 ; 235/462.41 ; 235/494 ; 382/165
11	Executable flowchart	707/102	700/18 ; 707/101 ; 717/109
12	Optical apparatus or apparatus for detecting direction of line of sight, and various kinds of same apparatus using the same	351/211	351/208 ; 351/221 ; 351/237 ; 351/243
13	Computerized voting information system having predefined content and	705/12	235/386 ; 235/50A ; 235/50B ; 434/306
14	voting templates Functional component usable for demonstration and/or training purposes	248/220.21	248/221.11 ; 248/222.11 ; 248/223.41 ; 411/508 ; 411/913

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Szabo, Andrew J.	Ø						
2		Kohavi, Ron , et al.							
3		Chun, Kang-Wook , et al.							
4		Mori, Mitsuhiro , et al.							
5		Prakriya, Mahesh , et al.							
6		Tokuhashi, Yuki							
7		Tabata, Seiichiro							
8	·	Chun, Kang-Wook , et al.							
9		Szabo, Andrew J.							
10	٠.	Fleet, David J. , et al.							
11		MacLennan, C. James							
12		Kohayakawa, Yoshimi							
13		Sehr, Richard Peter							
14		Kutscher, Erwin							

	ŭ	1	Ε	ocument	ID	Issue Date	Pages
15			US	5784063	A	19980721	21
16	Ø		US	5428737	A	19950627	52
17	Ø		US	5247651	Α	19930921	51
18	⊠		US	4841967	Α	19890627	10
19	☒		US	4646561	A	19870303	13
20	⊠		US	4370820	A	19830201	7
21	☒		US	3893777	A	19750708	7
22	☒		US	3872383	А	19750318	4

	Title	Current OR	Current XRef
15	Geometric constraint condition displaying apparatus	345/420	
16	Comprehensive bilateral translation between SQL and graphically depicted	707/4	
17	Interactive computer program specification and simulation system	703/13	
18	Positioning device for percutaneous needle insertion	606/130	606/185
19	Method and apparatus for hydrostatic testing of tubular member	73/49.5	73/49.6
20	Selectively interconnectable information card holder arrangement	40/388	40/776
21	Structural joint	403/268	264/261 ; 264/263 ; 52/259
22	Visual ground fault indicator	324/508	324/509 ; 324/66 ; 340/649

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
15		Nagakura, Masahiro , et al.							
16		Li, Shih-Gong , et al.							
17		Clarisse, Olivier B. H.							
18		Chang, Ming Z. , et al.							
19		Toelke, Lester W.							
20		Tschanz, Pierre Y.							
21		Jones, Wilson M.							
22		Kolodziej, Edward							

L	Hits	Search Text	DB	Time stamp
Number			22	Time Stamp
1	4476	707/?.ccls.	USPAT	2002/01/31
2	0	707/?.ccls. and (node\$1) same (entit\$3	USPAT	16:41 2002/01/31
3	1426	near relalationship)		16:42
3	1436	707/?.ccls. and (node\$1)	USPAT	2002/01/31
4	147	707/?.ccls. and (node\$1) same (entit\$3)	USPAT	2002/01/31
5	27	707/?.ccls. and (node\$1) same (entit\$3)	USPAT	16:42 2002/01/31
_	0	same (relationship)		16:43
6	0	707/?.ccls. and (node\$1) same (entit\$3) same (relationship) same (arc)	USPAT	2002/01/31 16:43
7	2	707/?.ccls. and (node\$1) same (entit\$3)	USPAT	2002/01/31
		same (arc)		16:43

	บ	1	Document	ID	Issue Date	Pages
1			US 5418944 .	A	19950523	13
2	⊠		US 5283894 .	A	19940201	26

	Title	Current OR	Current XRef
1	Knowledge-based molecular retrieval system and method using a hierarchy of molecular structures	707/3	702/27 ; 707/104.1
2	in the knowledge base Lockless concurrent B-tree index meta access method for cached nodes	707/1	

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		DiPace, Luigi , et al.	⊠						
2		Deran, Roger L.							

L Number	Hits	Search Text	DB	Time stamp
1	953		USPAT	2002/01/31 16:51
2		345/?.ccls. and entit\$3	USPAT	2002/01/31
3		345/?.ccls. and entit\$3 same (cluster\$3)	USPAT	2002/01/31 16:52
4	2	345/?.ccls. and entit\$3 same (relationship)	USPAT	2002/01/31 16:52

	Ū	1	Document	ID	Issue Date	Pages
1			US 6061064	A	20000509	56
2			US 5249121	A	19930928	30

	Title	Current OR	Current XRef
1	System and method for providing and using a computer user interface with a view space having discrete portions	345/418	345/8
2	Remote control console for surgical control system	606/1	345/4 ; 345/635 ; 345/792

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Reichlen, Bruce A.	⊠						
2		Baum, James P. , et al.	Ø						

amp	Time stam	DB	-	Search Text	Hits	L
						Number
/31	2002/01/3	USPAT		704/?.ccls.	995	1
/31	16:53 2002/01/3	USPAT	33	704/?.ccls.	326	2
/31	2002/01/3	USPAT	3 same relationship	704/?.ccls.	25	3
	2002/01/3 16:53					3

	U	1	r	Ocument	ID	Issue Date	Pages
1			US	6321372	В1	20011120	35
2	⊠		us	6321190	B1	20011120	19
3	×		US	6308149	B1	20011023	20
4	Ø		US	6292773	В1	20010918	20
5	⊠		US	6275789	B1	20010814	90
6	×		US	6182066	В1	20010130	8
7	\boxtimes		US	6098033	Α	20000801	17
8	Ø		US	5844798	A	19981201 ·	14
9	☒		US	5832480	Α.	19981103	44
10	⊠		US	5778157	А	19980707	60

	Title	Current OR	Current XRef
1	Executable for requesting a linguistic service		704/2 ; 704/8 ; 704/9
2	Infrastructure for developing application-independent language modules for language-independent applications	704/8	379/88.05
3	Grouping words with equivalent substrings by automatic clustering based on suffix relationships	704/9	
4	Application-independent language module for language-independent applications	704/9	379/88.05 ; 704/7
5	Method and apparatus for performing full bidirectional translation between a source language and a linked alternative language	704/7	704/2
6	Category processing of query topics and electronic document content topics	707/5	704/10 ; 704/9 ; 707/6
7	Determining similarity between words	704/1	704/9
8	Method and apparatus for machine translation	704/2	704/10
9	Using canonical forms to develop a dictionary of names in a text	707/5	704/10 ; 704/2 ; 704/8 ; 704/9 ; 707/1 ; 707/532 ; 707/536
10	System and method for expert system analysis using quiescent and parallel reasoning and set structured knowledge representation	706/46	704/9 ; 706/11 ; 706/50 ; 707/5 ; 707/6

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Poirier, Herve , et al.	×						
2		Bernardes, Marcelo C. , et al.							
3		Gaussier, Eric , et al.							
4		Bernardes, Marcelo C. , et al.							
5		Moser, Leo , et al.							
6		Marques, Joaquin M.							
7		Richardson, Stephen D., et al.							
8		Uramoto, Naohiko							
9		Byrd, Jr., Roy Jefferson , et al.			. 🗆				
10		Oatman, Robert K. , et al.							

	U	1	E	ocument	ID	Issue Date	Pages
11	⊠		US	5748973	A	19980505	38
12	⊠		US	5694592	A	19971202	21
13	⊠		US	5627914	A	19970506	34
14	⊠		US	5579223	Α	19961126	15
15	☒		US	5576954	A	19961119	67
16	⊠		US	5544262	A	19960806	32
17	☒		US	5438511	A	19950801	39
18	☒		US	5365433	Α	19941115	35
19	⊠		US	5331556	A	19940719	33
20	☒		US	5265014	A	19931123	12
21	×		US	5210689	A	19930511	30
22	☒		US	5197005	A	19930323	29

	Title	Current OR	Current XRef
11	Advanced integrated requirements engineering system for CE-based	704/9	707/500 ; 707/501.1 ; 707/530 ; 717/117
	requirements assessment		704/9
12	Process for determination of text relevancy	707/3	; 707/4 ; 707/5 ; 707/531
13	Method and apparatus for processing graphically input equations	382/189	382/229 ; 704/9 ; 707/538 ; 708/446
14	Method and system for incorporating modifications made to a computer program into a translated version of the computer program	704/1	707/536
15	Process for determination of text relevancy	707/3	704/9 ; 707/531
16	Method and apparatus for processing graphically input equations	382/189	382/229 ; 704/9 ; 707/538 ; 708/446
17	Disjunctive unification	704/1	706/46
18	System for automatically programming a functional database	704/9	
19	Method for natural language data processing using morphological and part-of-speech information	704/9	
20	Multi-modal user interface	704/9	
21	System and method for automatically selecting among a plurality of input	704/1	341/22 ; 434/116 ; 707/534 ; 708/145
22	Database retrieval system having a natural language interface	707/2	704/9 ; 706/11 ; 707/4

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
11		Palmer, James D., et al.							
12		Driscoll, Jim							
13		Pagallo, Giulia							
14		Raman, Suryanarayanan V.							
15		Driscoll, Jim							
16		Pagallo, Giulia							
17		Maxwell, III, John T., et al.							
18		Steinberg, Geoffrey D., et al.							
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	Title	Current OR	Current XRef			
	Method and apparatus for computer understanding and manipulation of minimally formatted text documents	704/9				
	Method and means for grammatically processing a natural language sentence	704/9				
25	Natural language understanding system	704/8				

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